

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1           1. (Previously Presented) A method for providing a user with a private mobile  
2           communication service when a mobile communication terminal enters a private mobile  
3           communication network being interoperable with a public mobile communication network,  
4           comprising the steps of:

5                 upon receiving a system parameter message being broadcast by the private mobile  
6           communication system, checking by the mobile communication terminal, a predetermined bit for  
7           indicating the private mobile communication service area contained in the system parameter  
8           message;

9                 when the mobile communication terminal exists in the private mobile communication service  
10          area, transmitting a location registration message including a predetermined registration type to the  
11          private mobile communication system;

12                receiving a message including a private mobile communication service associated command  
13          by the mobile communication terminal from the private mobile communication system according  
14          to registration result information of the private mobile communication system; and

15                performing, by the mobile communication terminal, a command contained in the received  
16          message.

1           2. (Previously Presented) A method for providing a user with a private mobile  
2 communication service when a mobile communication terminal enters a private mobile  
3 communication network being interoperable with a public mobile communication network,  
4 comprising the steps of:

5           upon receiving a system parameter message being broadcast by the private mobile  
6 communication system, checking a predetermined bit for indicating the private mobile  
7 communication service area contained in the system parameter message;

8           when the mobile communication terminal exists in the private mobile communication service  
9 area, transmitting a location registration message including a predetermined registration type to the  
10 private mobile communication system;

11           receiving a message including a private mobile communication service associated command  
12 from the private mobile communication system according to registration result information of the  
13 private mobile communication system; and

14           performing a command contained in the received message,

15           wherein the message including the private mobile communication service associated  
16 command is a feature notification message including a predetermined field used for indicating the  
17 private mobile communication service possible state.

Claim 3. (Cancelled)

1           4. (Previously Presented) A method for providing a user with the private mobile  
2 communication service when a mobile communication terminal enters a private mobile  
3 communication network being interoperable with a public mobile communication network,  
4 comprising the steps of:

5           upon receiving a system parameter message being broadcast by the private mobile  
6 communication system, checking a predetermined bit for indicating the private mobile  
7 communication service area contained in the system parameter message;

8           when the mobile communication terminal exists in the private mobile communication service  
9 area, transmitting a location registration message including a predetermined registration type to the  
10 private mobile communication system by the mobile communication terminal;

11           receiving a message including the private mobile communication service associated  
12 command from the private mobile communication system; and

13           performing a command contained in the received message by the mobile communication  
14 terminal.

1           5. (Previously Presented) A method for providing a user with the private mobile  
2 communication service when a mobile communication terminal enters a private mobile  
3 communication network being interoperable with a public mobile communication network,  
4 comprising the steps of:

5           upon receiving a system parameter message being broadcast by the private mobile  
6 communication system, checking a predetermined bit for indicating the private mobile

7 communication service area contained in the system parameter message;

8 when the mobile communication terminal exists in the private mobile communication service  
9 area, transmitting a location registration message including a predetermined registration type to the  
10 private mobile communication system;

11 receiving a message including the private mobile communication service associated  
12 command from the private mobile communication system; and

13 performing a command contained in the received message,

14 wherein the message including the private mobile communication service associated  
15 command is a feature notification message having a predetermined field used for indicating the  
16 private mobile communication service possible state.

1 6. (Original) The method as set forth in claim 5, wherein the predetermined field is a CHARi  
2 field of an IS-95 Information Records Element.

Claim 7. (Cancelled)

Claims 8-10. (Cancelled)

Claim 11. (Cancelled)

1 12. (Previously Presented) A method for providing a mobile communication terminal with

2 a private mobile communication service in a private mobile communication system being  
3 interoperable with a public mobile communication network, comprising the steps of:

4 broadcasting a system parameter message with a predetermined bit indicating a private  
5 mobile communication service area to at least one mobile communication terminal residing in the  
6 private mobile communication service area;

7 receiving a registration message including a predetermined registration type requesting to  
8 register in the private mobile communication system from the mobile communication terminal;

9 performing a location registration of the mobile communication terminal after receiving the  
10 registration message; and

11 transmitting a message including a private mobile communication service associated  
12 command to the mobile communication terminal.

1 13. (Previously Presented) A method for providing a mobile communication terminal with  
2 a private mobile communication service in a private mobile communication system being  
3 interoperable with a public mobile communication network, comprising the steps of:

4 broadcasting a system parameter message with a predetermined bit indicating a private  
5 mobile communication service area to at least one mobile communication terminal residing in the  
6 private mobile communication service area;

7 receiving a registration message including a predetermined registration type requesting to  
8 register in the private mobile communication system from the mobile communication terminal;

9 performing a location registration of the mobile communication terminal after receiving the

10 registration message; and

11 transmitting a message including a private mobile communication service associated  
12 command to the mobile communication terminal,

13 wherein the message including a private mobile communication service associated command  
14 is a feature notification message having a predetermined field used for indicating the private mobile  
15 communication service possible state.

1 14. (Original) The method as set forth in claim 13, wherein the predetermined field is a  
2 CHARi field of an IS-95 Information Records Element.

Claim 15. (Cancelled)

Claims 16-18. (Cancelled)

Claim 19. (Cancelled)

1 20. (Previously Presented) A method for providing a user with a service of a specific area  
2 of a mobile communication network when the mobile communication terminal enters the specific  
3 area of a mobile communication system, comprising the steps of:

4 upon receiving a system parameter message being broadcast by the mobile communication  
5 system, checking a predetermined bit for indicating the specific area in the system parameter

6 message by the mobile communication terminal;

7 when the mobile communication terminal exists in the service area of the specific area,  
8 transmitting a registration message including a predetermined registration type to the mobile  
9 communication system;

10 receiving a message including a specific area service associated command of a mobile  
11 communication network from the mobile communication system; and

12 performing a command contained in the received message.

Claim 21. (Cancelled)

1 22. (Previously Presented) A computer-readable medium having computer-executable  
2 instructions for performing a method for providing a user with a private mobile communication  
3 service when a mobile communication terminal enters a private mobile communication network  
4 being interoperable with a public mobile communication network, comprising:

5 upon receiving a system parameter message being broadcast by the private mobile  
6 communication system, checking a predetermined bit for indicating the private mobile  
7 communication service area contained in the system parameter message by the mobile  
8 communication terminal;

9 when the mobile communication terminal exists in the private mobile communication service  
10 area, transmitting a location registration message including a predetermined registration type to the  
11 private mobile communication system;

12 receiving a message including a private mobile communication service associated command  
13 from the private mobile communication system according to registration result information of the  
14 private mobile communication system; and  
15 performing a command contained in the received message.

1 23. (Previously Presented) A computer-readable medium having computer-executable  
2 instructions for performing a method for providing a user with a private mobile communication  
3 service when a mobile communication terminal enters a private mobile communication network  
4 being interoperable with a public mobile communication network, comprising:

5 upon receiving a system parameter message being broadcast by the private mobile  
6 communication system, checking a predetermined bit for indicating the private mobile  
7 communication service area contained in the system parameter message;

8 when the mobile communication terminal exists in the private mobile communication service  
9 area, transmitting a location registration message including a predetermined registration type to the  
10 private mobile communication system;

11 receiving a message including a private mobile communication service associated command  
12 from the private mobile communication system according to registration result information of the  
13 private mobile communication system; and

14 performing a command contained in the received message,

15 wherein the message including a private mobile communication service associated command  
16 is a feature notification message including a predetermined field used for indicating the private



17 mobile communication service possible state.

Claim 24. (Cancelled)

1 25. (Previously Presented) The method as set forth in claim 1, wherein the command allows  
2 the mobile communication terminal to perform a manner mode conversion function.

1 26. (Previously Presented) The method as set forth in claim 4, wherein the command enables  
2 the mobile communication terminal to perform a manner mode conversion function.

Claim 27. (Cancelled)

1 28. (Previously Presented) The method as set forth in claim 12, wherein the command allows  
2 the mobile communication terminal to perform a manner mode conversion function.

Claim 29. (Cancelled)

1 30. (Previously Presented) The method as set forth in claim 20, wherein the command  
2 enables the mobile communication terminal to perform a manner mode conversion function.

Claims 31-32. (Cancelled)

1           33. (Previously Presented) A method for providing a user with a private mobile  
2 communication service when a mobile communication terminal enters a private mobile  
3 communication network, comprising the steps of:

4           upon receiving a system parameter message being broadcasting by the private mobile  
5 communication system, checking, by the mobile communication terminal, a predetermined bit for  
6 indicating the private mobile communication service area contained in the system parameter  
7 message, and determining, by the mobile communication terminal, whether the mobile  
8 communication terminal exists in the private mobile communication service area;

9           when the mobile communication terminal exists in the private mobile communication service  
10 area, transmitting a location registration message including a predetermined registration type to the  
11 private mobile communication system;

12           receiving a message indicating a private mobile communication associated command from  
13 the private mobile communication system; and

14           performing a command contained in the received message.